

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. – 2. (Canceled)
3. (Currently amended) The method of claim [[1]] 22, wherein:
the accelerated stress testing data represents the length of time the product operates in ~~the first~~ a testing environment before the product fails.
4. (Currently amended) The method of claim [[1]] 22, wherein:
the accelerated stress testing data is derived from a plurality of different stress tests.
5. (Canceled)
6. (Currently amended) The method of claim [[1]] 22, wherein:
said accelerated stress testing data is derived from either linear, quadratic or exponential acceleration stress testing.
7. (Currently amended) The method of claim [[1]] 22, further comprising:
calculating upper and lower confidence limits for the MTBF (mean-time-before-failures) calculation.
8. (Currently amended) The method of claim [[1]] 22, wherein:
said accelerated stress testing data includes bill of materials (BOM) information on the product.

9. – 10. (Canceled)

11. (Currently amended) The method of claim [[1]] 22, wherein:

said ~~step of calculating is~~ calculating steps are performed using a computer program.

12. – 21. (Canceled)

22. (Previously presented) A method of estimating a product life, comprising:

performing accelerated stress testing on a product to collect accelerated stress testing data for the product;

based on the accelerated stress testing data, calculating a mean-time-between-failures for the product;

re-designing the product;

performing accelerated stress testing on the re-designed product to collect re-design accelerated stress testing data for the re-designed product;

based on the re-design accelerated stress testing data, calculating a mean-time-between-failures for the re-designed product; and

based on the mean-time-between-failures for the product and the mean-time-between-failures for the re-designed product, calculating a proportion change in product life resulting from the re-design.

23. (Previously presented) The method of claim 22, wherein the accelerated stress testing includes at least one of a vibrational test, a temperature test, a voltage margining test, a frequency margining test, an electrostatic discharge test, and a humidity test.